CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

NOTICE OF PROPOSED AWARDS
Solicitation to Address High Purchase Costs and Disposal Impacts of PEV Battery Packs
Grant Solicitation PON-12-501
February 25, 2013

On October 25, 2012, the California Energy Commission's Public Interest Energy Research (PIER) Program released a Program Opportunity Notice (PON-12-501) entitled "Solicitation to Address High Purchase Costs and Disposal Impacts of PEV Battery Packs." The purpose of the solicitation is to address the economic and environmental impacts of PEV battery packs. By funding research, development, and demonstration (RD&D) proposals that fall under the following topic areas: 1) Techno-Economic Assessment of PEV Battery Pack Standards (research topic 1); and 2) Large-Scale Recycling of California's PEV Battery Packs (research topic 2). The solicitation announced that $1,750,000 in funding was available for a maximum award size of $750,000 per project for research topic 1 and $1,000,000 for research topic 2.

The proposals were screened, reviewed, evaluated, and scored using the criteria described in the solicitation. Based on the Review Team's scores and suggested funding level, the Energy Commission proposes to award one project under research topic 1 for $750,000 and two projects under research topic area 2 for $1,000,000 for a total proposed funding of $1,750,000. However, should additional electricity funding be made available, the remaining passing projects ***may*** receive funding. This Notice of Proposed Awards is hereby issued pursuant to these recommendations.

The attached table titled "Notice of Proposed Awards and Results of Submitted Proposals" identifies each of the applicants recommended to receive funding, the project title, the recommended amount of Energy Commission funding, and scoring information.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Business Meeting at the Energy Commission in Sacramento, California, and execution of a grant agreement. If the Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Commission, at its sole discretion, reserves the right to cancel the pending award and shift the available funds. Applicants will be notified of such changes in a revised notice.

This notice is being mailed to all parties who submitted a proposal to this solicitation and is also posted on the Energy Commission website at: http://www.energy.ca.gov/contracts/

For further information about this matter, contact Crystal Presley-Willis at (916) 654-5067, or by email at Crystal.Presley-Willis@energy.ca.gov.

California Energy Commission
PIER
Notice of Proposal Awards and Results of Submitted Proposals
Solicitation PON-12-501

Research Topic 1: Battery Standardization

Rank	Prime Applicant	Title	Funds Requested	Funds Recommended	Match Funding Pledged	Score Status
1	ELECTRICORE, INC.	The Market Impact of Standardized Design in PEV Battery Pack Purchase and Disposal	$750,000	$750,000	$150,000	Awardee
2	Lawrence Berkeley National Laboratory	Addressing High First Cost Through Standardization of PEV Battery Packs	$749,700	$0	$400,000	Finalist
3	CALSTART, Inc.	Battery Efficiency Standards for E-Trucks: Cost Reduction through Battery Performance Standardization and Demand Forecast (BEST E-Trucks)	$250,000	$0	$0	Finalist
4	Regents of the University of California	Prospects for PEV Battery Pack Standardization	$420,000	$0	$0	Finalist
5	Electric Power Research Institute	Plug-in Vehicle Battery Lifecycle Cost Reduction through Standardization for Multiple Application and Secondary Use	$746,607	$0	$327,885	Did Not Pass
Total Funds Recommended for Research Topic 1			**$2,916,307**	**$750,000**	**$877,885**	

Research Topic 2: Battery Recycling

Rank	Prime Applicant	Title	Funds Requested	Funds Recommended	Match Funding Pledged	Score Status
1	Farasis Energy, Inc.	Direct Recycling Technology for California's PEV Li-ion Battery Packs	$749,710	$749,710	$149,942	Awardee
2	Lawrence Berkeley National Laboratory	Strategies for Sustainable and Cost-effective Scale-up of Second-Life, Recycling, and Disposal Pathways for PEV Battery Packs	$995,500	$250,290	$440,000	Awardee
3	ELECTRICORE, INC.	Advanced Battery Recycling in California	$992,243	$0	$992,243	Finalist
4	Aegis Technology, Inc.	"Re-Purposing and Recycling Lithium Ion Batteries from PHEVs for Renewable/Transportable Energy Storage Applications"	$988,119	$0	$592,871	Did Not Pass
5	Tesla Motors, Inc.	Battery Module Recycling Pilot Project	$854,304	$0	$0	Disqualified
6	Life Cycle Associates, LLC	Disposal Impacts of PEV Battery Packs	$192,376	$0	$0	Disqualified
Total Funds Recommended for Research Topic 2			**$4,772,252**	**$1,000,000**	**$2,175,056**	

Total Funds Recommended for PON-12-501	**$7,688,558**	**$1,750,000**	**$3,052,941**